

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028797.D
 Acq On : 31 Oct 2022 21:56
 Operator : SY/MD
 Sample : N5321-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

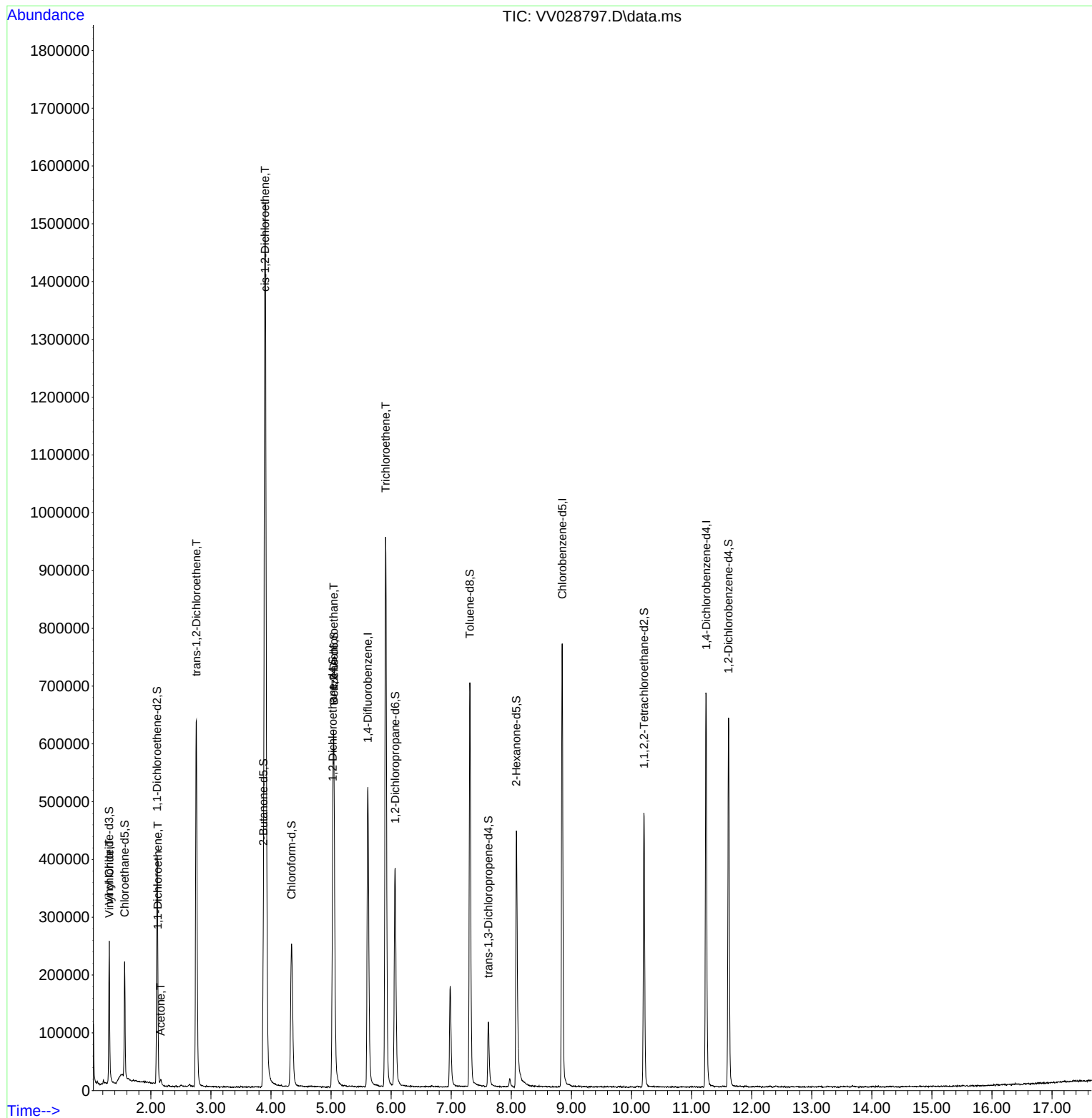
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	415594	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	377214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	160872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133226	33.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.640%
7) Chloroethane-d5	1.564	69	127762	37.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.880%
11) 1,1-Dichloroethene-d2	2.105	63	217186	28.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.960%#
21) 2-Butanone-d5	3.873	46	262644	91.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	4.343	84	247645	41.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.360%
26) 1,2-Dichloroethane-d4	5.027	65	179397	45.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.047	84	515343	43.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	6.066	67	184648	45.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	7.310	98	436043	42.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	7.619	79	63086	40.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.260%
47) 2-Hexanone-d5	8.085	63	151825	83.102	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	235923	44.255	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.500%
66) 1,2-Dichlorobenzene-d4	11.616	152	143158	45.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.160%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	43665	9.345	ug/L	96
12) 1,1-Dichloroethene	2.118	96	8882	2.865	ug/L #	1
13) Acetone	2.163	43	6898	2.484	ug/L	93
17) trans-1,2-Dichloroethene	2.757	96	216726	72.284	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	762098	230.368	ug/L #	98
27) 1,2-Dichloroethane	5.043	62	3559	0.718	ug/L	96
34) Trichloroethene	5.908	95	325798	104.907	ug/L	98

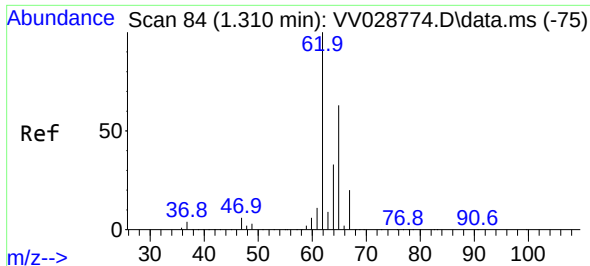
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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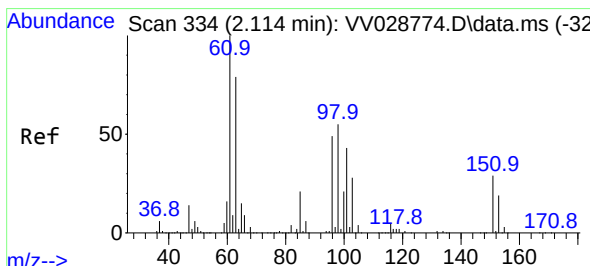
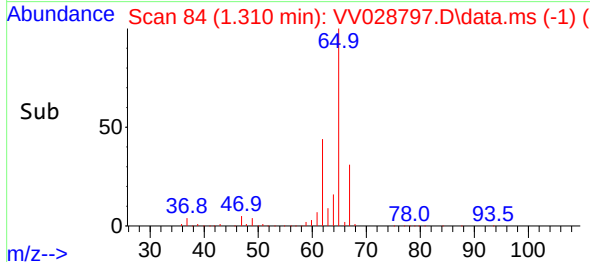
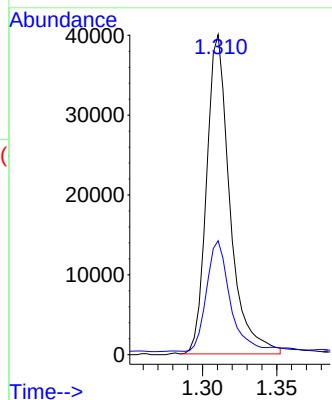
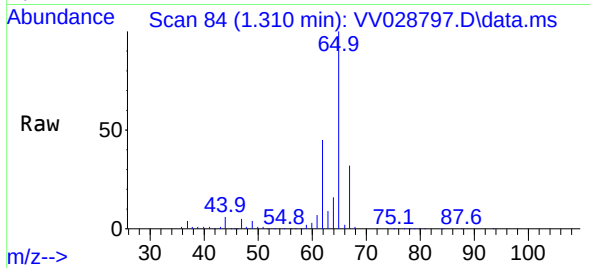




#5
 Vinyl chloride
 Concen: 9.345 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028797.D
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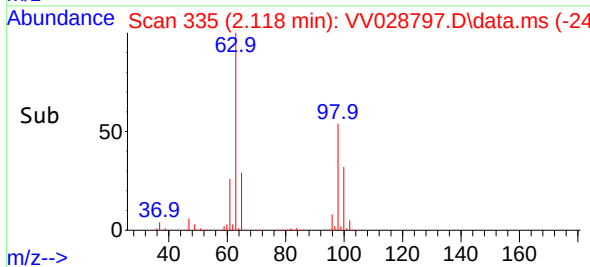
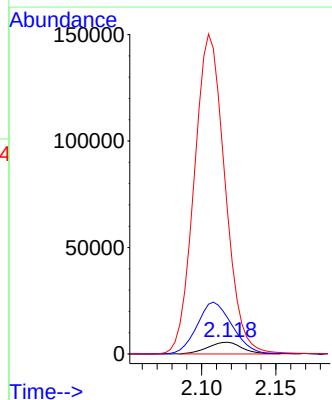
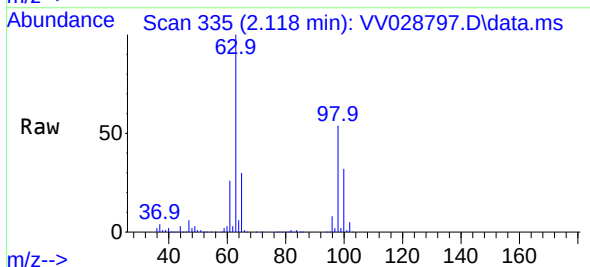
Instrument :
 MSVOA_V
 ClientSampleId :

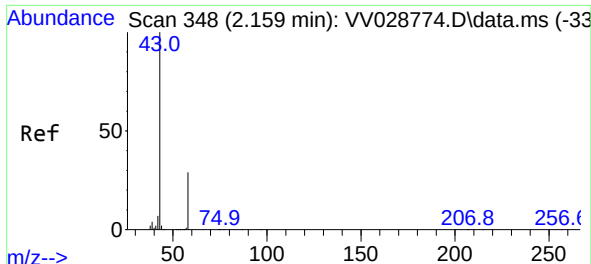
Tgt Ion: 62 Resp: 43665
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 2.865 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028797.D
 Acq: 31 Oct 2022 21:56

Tgt Ion: 96 Resp: 8882
 Ion Ratio Lower Upper
 96 100
 61 305.1 142.7 265.1#
 63 1190.8 112.5 208.9#

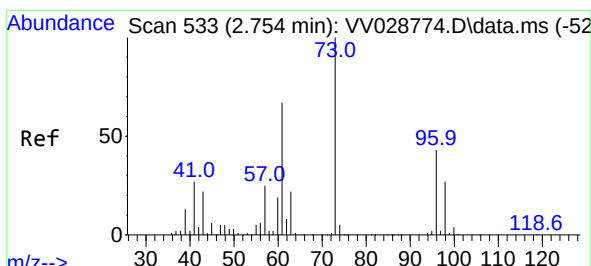
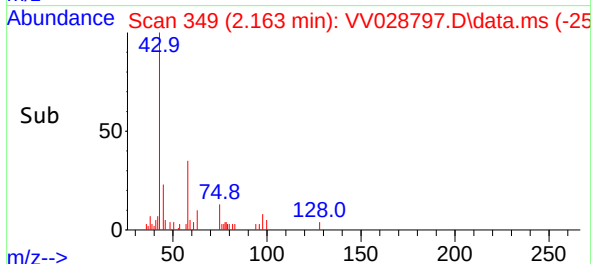
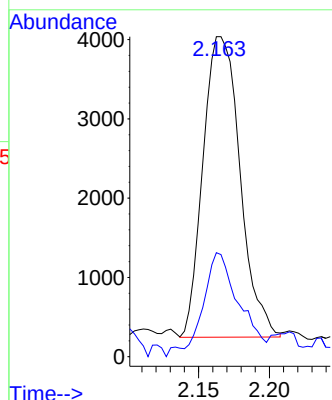
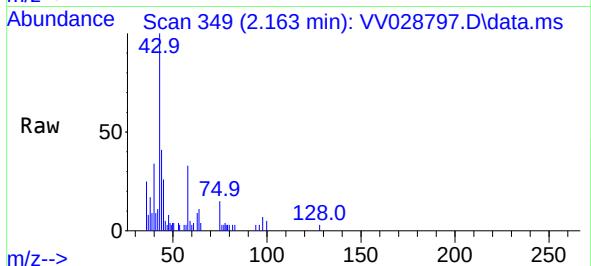




#13
Acetone
Concen: 2.484 ug/L
RT: 2.163 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV028797.D
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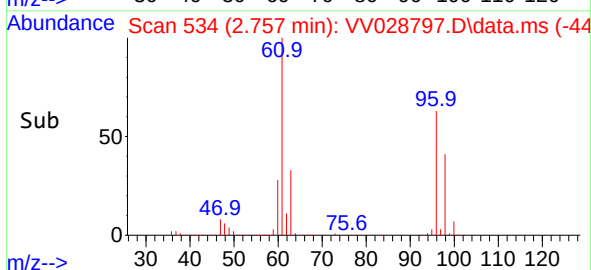
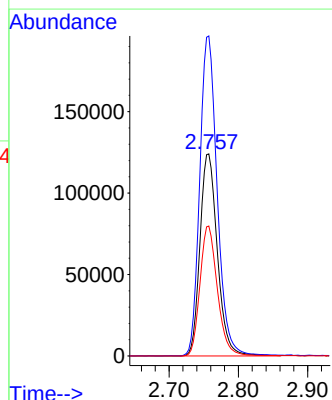
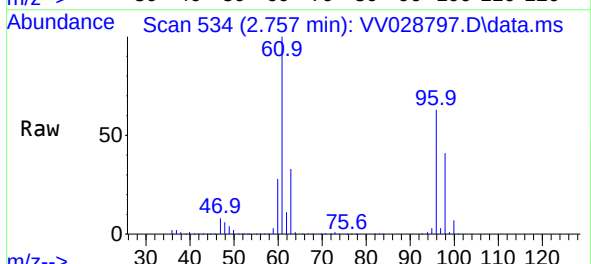
Instrument :
MSVOA_V
ClientSampleId :

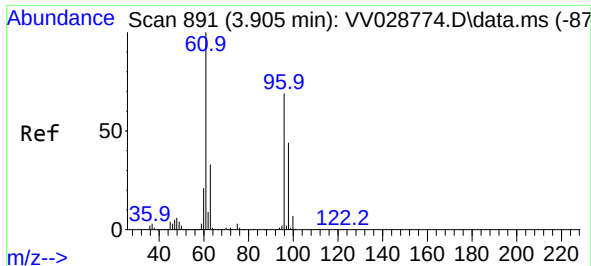
Tgt Ion: 43 Resp: 6898
Ion Ratio Lower Upper
43 100
58 33.1 0.0 59.0



#17
trans-1,2-Dichloroethene
Concen: 72.284 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028797.D
Acq: 31 Oct 2022 21:56

Tgt Ion: 96 Resp: 216726
Ion Ratio Lower Upper
96 100
61 158.3 109.4 203.2
98 64.3 43.3 80.5

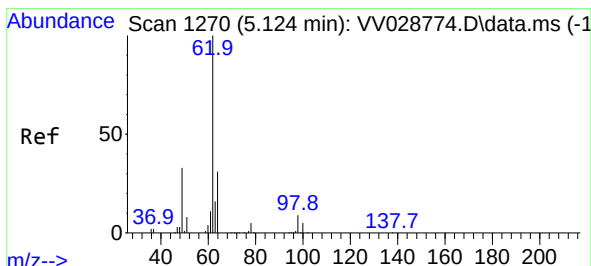
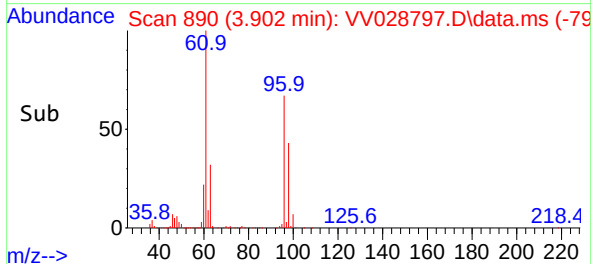
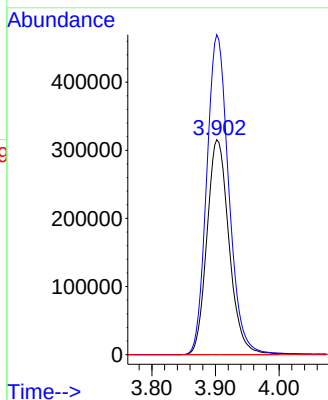
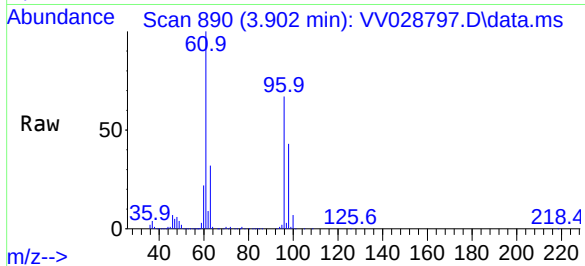




#20
cis-1,2-Dichloroethene
Concen: 230.368 ug/L
RT: 3.902 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV028797.D
Acq: 31 Oct 2022 21:56

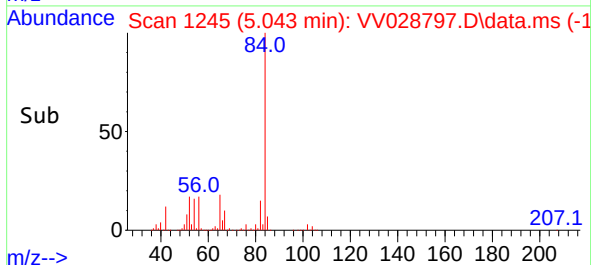
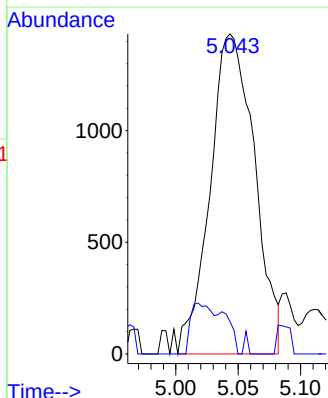
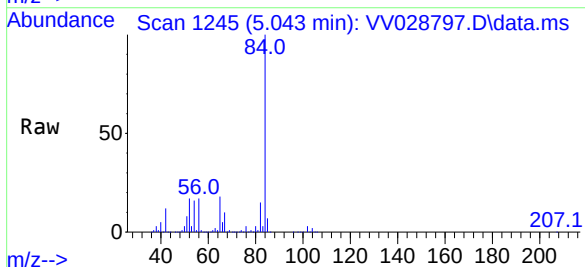
Instrument :
MSVOA_V
ClientSampleId :

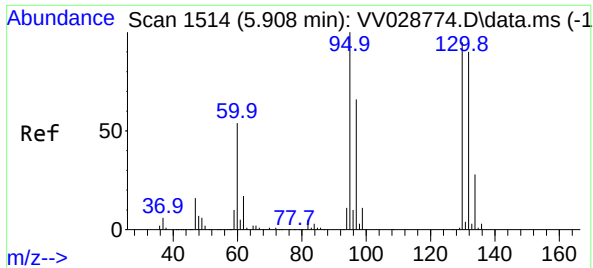
Tgt Ion: 96 Resp: 762098
Ion Ratio Lower Upper
96 100
61 148.8 102.3 190.1
68 0.0 0.1 0.3#



#27
1,2-Dichloroethane
Concen: 0.718 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.080 min
Lab File: VV028797.D
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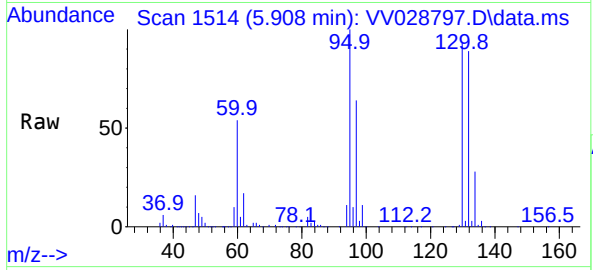
Tgt Ion: 62 Resp: 3559
Ion Ratio Lower Upper
62 100
98 10.1 6.9 10.3





#34
 Trichloroethene
 Concen: 104.907 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV028797.D
 Acq: 31 Oct 2022 21:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 325798

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.2	85.8
132	89.3	63.2	117.4
130	93.4	66.2	123.0

